



# Introduction to Your Laptop

Goals:

Learn Parts

Software

Library: wifi

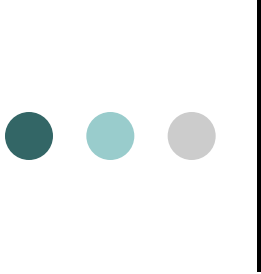
Library Catalog

Databases/online material



# Parts: Where's my mouse??






- Laptop has the same functions as a desk top, but may accomplish functions differently.
- For example, touchpad instead of mouse, battery instead of plug-in, wifi instead of hard wire Internet connection
- Keyboard-similar layout, but: fn-function key. Allows other keys to have multiple functions like volume or activate external monitor. Numeric Keyboard-turned on using fn key.
- CD/DVD drive (r, rw-means can create CD/DVD)







# Parts II: What's with all these plugs?

- Power
- USB: means of adding all sorts of tools and memory options
- FireWire: download video
- Ethernet/Modem: hook to Internet
- VGA: holes-connect to external projector
- Serial: pins-universal (i.e. mouse)
- Parallel: universal (i.e. printers)
- TV out/S video: connect to TV

# Laptop Ports Guide

Port Type	Photo	Purpose
<a href="#"><u>USB</u></a>		Universal
<a href="#"><u>FireWire</u></a>		Universal
<a href="#"><u>Ethernet/LAN</u></a>		Local area networks, broadband modems
<a href="#"><u>PCMCIA/CardBus</u></a>		Universal (ethernet cards, hard disks, wireless lan cards)
<a href="#"><u>IrDA</u></a>		Universal (wireless connection with cellular phones, PDAs)

# Laptop Ports Guide (cont'd)

Port Type	Photo	Purpose
<u>VGA</u>	 A blue 15-pin D-sub connector with two side screws. The pins are numbered 1 through 15 in three rows: 1-5, 6-10, and 11-15.	External monitor connection
<u>PS/2</u>	 A circular port with a central square pin and five surrounding circular pins. The pins are numbered 1 through 5 around the perimeter.	Mouse and keyboard connector
<u>Serial RS232</u>	 A 9-pin D-sub connector with two side screws. The pins are numbered 1 through 9 in two rows: 1-5 and 6-9.	Universal (mouse, modems, programmable logic controllers)
<u>TV-Out/S-Video</u>	 A circular port with a central pin and eight surrounding pins. The pins are numbered 1 through 8 around the perimeter.	To connect TV set as external screen



# Parts III

- Bluetooth/wifi
- Same basic concept-radio transceiver
- Bluetooth: short distance limited info (mouse)
- Wifi: longer distance, greater amounts of info
- Library offers free wifi...but library filtering and can be slow



# Software

- Turn on/off laptops-on/off button??
- Windows XP/Vista have similar screens
- Battery check-taskbar
- Start Button
- Works/Office
- Internet
- Security-if surfing must have
- Junk (Control Panel)



# Security

- System Restore: important to have/create
- Firewall: filter Internet traffic coming into and going out of laptop
- Antivirus software: protects against specific types of bad programs
- Anti-spyware: prevents others from spying on your internet activity
- Anti-hijacking software: prevents others from taking control of computer





# The Library!!

- Plug power cord into library outlets
- The library provides free wifi, meaning you can connect to the Internet for free
- Connect to SPL
- Click on “Internet Explorer”
- Ethostream-”Agree”
- May have to try several times
- May have to refresh page if wifi particularly slow



# Wifi Part II

- From ethostream page-computer will go to Library Home Page-can surf from there
- Price paid for free Internet
- Library filtering
- Signal can be “stolen”-use ethernet as way around issue
- Can Print-link on Home Page-have to download piece of software
- Slow



# Catalog

- Same as Library Internet computers
- “Encore” means of searching library databases as well as catalog...excellent tool for research
- “Online” materials-library part of consortium that allows patrons to receive audio, video, and text for free
- My accounts: holds, history, programs



# Databases/Web sites

- Databases are information that the library has paid for and are reliable
- Web sites are places on the Internet that have been researched by the librarians and are reliable
- Phone numbers, Business Information, Genealogical research



# Summary

- Parts of a laptop-differ from Desk Top
- Software
- Library: wifi
- Library: catalog and Encore
- Library: Databases and Web sites